

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 9/11/02, 2/24/04, 7/14/04 areA.    approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. X objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable

categories of drawings: Black ink or

Color (3 sets required).

   Color drawings are not acceptable until petition is granted. Fig(s)      Pencil and non black ink not permitted. Fig(s)   **2. PHOTOGRAPHS.** 37 CFR 1.84(b)   1 full-tone set is required. Fig(s)      Photographs may not be mounted. 37 CFR 1.84(e)   Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s)      Poor quality (half-tone). Fig(s)   **3. TYPE OF PAPER.** 37 CFR 1.84(e)   Paper not flexible, strong, white, and durable.Fig(s)   X Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.Fig(s) 1-33**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable

sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6cm by 27.9cm (8 1/2x 11 inches)

   All drawing sheets not the same size.Sheet(s)      Drawings sheets not an acceptable size. Fig(s)   **5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

   Margins not acceptable. Fig(s)      Top (T)    Left (L)   Right (R)    Bottom (B)**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

   Views not labeled separately or properly.Fig(s)   **7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)   Sectional designation should be noted with Arabic or Roman numbers. Fig(s)   **8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)   Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)   **9. SCALE.** 37 CFR 1.84(k)   Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.Fig(s)   **10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)X Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-33**11. SHADING.** 37 CFR 1.84(m)   Solid black areas pale. Fig(s)      Solid black shading not permitted. Fig(s)   **12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)X Numbers and reference characters not plain and legible. Fig(s) 1-33X Figure legends are poor. Fig(s) 1-33   Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s)      English alphabet not used. 37 CFR 1.84(p)(2)Fig(s)   X Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 1-33**13. LEAD LINES.** 37 CFR 1.84(q)   Lead lines missing. Fig(s)   **14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(t)

   Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s)   **15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)   Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)   **16. DESIGN DRAWINGS.** 37 CFR 1.152   Surface shading shown not appropriate.Fig(s)      Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s)   

COMMENTS:

Reviewer TungDate 8/16/04

If you have questions, call (703) 305-8004.

Attachment to Paper No.